



Rec'd
10/1/15

October 1, 2015

U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103
Attention: Amy Cohen (3WP32)

Re: Mountaire Farms of Delaware, Inc.
Order on Consent

Dear Ms. Cohen:

In accordance with paragraph 51 of the above-referenced Order on Consent, we are submitting the attached written report summarizing all actions taken in accordance with this Order ("Progress Reports") for the 3rd quarter, 2015.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to properly gather and evaluate information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,

Mark Chranowski
Sr. Director of Processing Operations

Cc: John Wren (Mountaire Farms)
Beth Sise (Mountaire Farms)



Mountaire Farms

"We measure quality by how well we service our internal and external customers"



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID: 192941

Matrix: Ground Water

Sample Start: 9/15/15 10:00

Description:

Site: MW-35

Sample End:

Type: Grab

Date Received: 9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	56.0	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	120	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	<0.05	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	29.1	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.35	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	29.5	9/23/15 11:05	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	502	9/22/15 7:35	RON	SM2540-C

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



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ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID: 192942

Matrix: Ground Water

Sample Start: 9/15/15 10:30

Description:

Site: MW-36

Sample End:

Type: Grab

Date Received: 9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	82.0	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	152	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	0.07	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	6.61	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.77	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	7.38	9/23/15 11:05	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	368	9/22/15 7:35	RON	SM2540-C

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Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID: 192943

Matrix: Ground Water

Sample Start: 9/15/15 11:00

Description:

Site: MW-37

Sample End:

Type: Grab

Date Received: 9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	27.0	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	42.8	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	<0.05	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	17.7	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.20	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	17.9	9/23/15 11:05	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	308	9/22/15 7:35	RON	SM2540-C

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ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID: 192945

Matrix: Ground Water

Sample Start: 9/15/15 11:30

Description:

Site: MW-38

Sample End:

Type: Grab

Date Received: 9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	67.0	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	136	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	<0.05	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	32.2	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.41	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	32.6	9/23/15 11:06	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	562	9/22/15 7:35	RON	SM2540-C

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ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID:	192948	Matrix:	Ground Water	Sample Start:	9/15/15 14:00
Description:		Site:	MW-42	SampleEnd:	
Type:	Grab			Date Received:	9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	6.30	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	20.8	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	<0.05	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	12.1	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.20	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	12.3	9/23/15 11:06	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	224	9/22/15 7:35	RON	SM2540-C
QA/QC					
Arsenic (% Recovery)	% Rec.	107.3	9/23/15 13:38	HJG3	EPA 200.8

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ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID: 192949

Matrix: Ground Water

Sample Start: 9/15/15 14:30

Description:

Site: MW-43

Sample End:

Type: Grab

Date Received: 9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	<0.0040	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	73.0	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	135	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	<0.05	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	35.3	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	0.23	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	35.5	9/23/15 11:06	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	654	9/22/15 7:35	RON	SM2540-C

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ANALYTICAL RESULTS

Mountaire Farms of Delaware, Inc. [Millsboro]

P.O. Box 1320

Millsboro, DE 19966

Attention: Jim Nilan

Lab ID:	192953	Matrix:	Ground Water	Sample Start:	9/15/15 16:30
Description:		Site:	MW-47	Sample End:	
Type:	Grab			Date Received:	9/16/15 14:25

Parameters	Units	Results	Analyzed	By	Method
Metals					
Arsenic	mg/L	0.020	9/23/15 13:38	HJG3	EPA 200.8
Sodium	mg/L	108	9/23/15 15:19	HJG3	SM3111-B
Minerals					
Chloride	mg/L	182	9/17/15 14:30	HJG	EPA 300.0
Nutrient					
Ammonia as N	mg/L	0.73	9/21/15 12:48	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	43.0	9/17/15 14:30	HJG	EPA 300.0
Total Kjeldahl Nitrogen	mg/L	1.29	9/22/15 15:04	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	44.3	9/23/15 11:07	ERB	Calc
Total Phosphorus as P	mg/L	1.21	9/22/15 15:32	CC	SM4500-P-F(w/Dig)
Physical					
Total Dissolved Solids @ 180 C	mg/L	804	9/22/15 7:35	RON	SM2540-C

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